

Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. QUANT1350 (028248-23,01)	SERIAL NO. 10/008,591
O I P E INFORMATION DISCLOSURE CITATION APR 05 2004 (Use several sheets if necessary)		APPLICANT Dershem et al.	
		FILING DATE 11/13/2001	GROUP ART UNIT 1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
KJ	A1	4,607,091	8-19-86	Schreiber	528	96	
↑	A2	5,021,484	6-4-91	Schreiber et al.	524	100	
	A3	5,200,452	4-6-93	Schreiber	524	398	
	A4	5,443,911	8-22-95	Schreiber et al.	428	413	
	A5	5,447,988	9-5-95	Dershem et al.	524	780	
	A6	5,543,516	8-6-96	Ishida	544	69	
	A7	6,034,194	3-7-00	Dershem et al.	526	262	
↓	A8	6,034,195	3-7-00	Dershem et al.	526	262	
KJ	A9	6,207,786 B1	3-27-01	Ishida et al.	528	94	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KJ	A10	Dagani, "Novel Water-displacing Polymers Show Promise in Coating Uses," C&EN, July 29, 1991, p. 20-22.
	A11	Ishida, "Development of Polybenzoxazines: A New Class of High Performance, Ring-Opening Phenolic Resins With Superb Balance..." Proceedings of the International Composites Expo, 1998, Session 14-B, p. 1-8.
	A12	Ishida et al., "Synthesis of Benzoxazine Functional Silane and Adhesion Properties of Glass-Fiber-Reinforced Polybenzoxazine Composites," Journal of Applied Polymer Science, Vol. 69, 1998, p. 2559-2567.
	A13	Kimura, "New Thermosetting Resin From Bisphenol A-Based Benzoxazine and Bisoxazoline," Journal of Applied Polymer Science, Vol. 72, 1999, p. 1551-1554.
	A14	Liang et al., "Amine-Quinone Polyurethanes as Binders for Metal Particle Tape," IEEE Transactions on Magnetics, Vol. 29, No. 6, 1993, p. 3649-3651.

EXAMINER	DATE CONSIDERED
<i>Muller Sander</i>	11/2/05

- * EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

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OTHER DOCUMENTS (<i>Including Author, Title, Date, Pertinent Pages, Etc.</i>)			
A15	Nikles et al., "Protection of Fe Pigments with Amine-Quinone-Polymers," IEEE Transactions on Magnetics, Vol. 30, No. 6, 1994, p. 4068-4070.		
A16	Nikles et al., "Amine-Quinone Polyurethanes, I. Preparation of Polyurethane Block Copolymers Containing 2,5-Bis(N-2-hydroxyethyl-N-methylamino)...," Journal of Polymer Science, Vol. 33, 1995, 2881-2886.		
A17	Ning et al., "Phenolic Materials via Ring-Opening-Polymerization: Synthesis and Characterization of Bisphenol-A Based Benzoxazines and Their Polymers," Journal of Polymer Science, Vol. 32, 1994, p. 1121-1129.		
A18	Nithianandam et al., "Quinone-Amine Polymers. VI. Syntheses and Solubilities of Several Cooligomers (PAQs) Produced by Reacting Two Diamines with p-Benzoquinone," J. of App. Poly. Sci., Vol. 42, 1991, p. 2899-2901.		
A19	Nithianandam et al., "Quinone-Amine Polymers. V. Syntheses and Solubilities of Several Diamine-p-Benzoquinone Oligomers (PAQ)," Journal of Applied Polymer Science, Vol. 42, 1991, p. 2893-2897.		
A20	Riess et al., "Ring-Opening Polymerization of Benzoxazines - A New Route to Phenolic Resins," Polymer Science and Technology, Vol. 31, 1985.		
A21	Rimdusit, "Development of New Class of Electronic Packaging Materials Based on Ternary Systems of Benzoxazine, Epoxy, and Phenolic Resins," Polymer, Vol. 41, 2000, p. 7941-7949.		
EXAMINER <i>Kudler, Sando</i>		DATE CONSIDERED 11/21/05	
<ul style="list-style-type: none"> EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant. 			